

Converting Colors

YUV(105.5130, 39.1871,
31.1221)

Have a look what the booklet for
YUV(105.5130, 39.1871, 31.1221)
contains.

YUV(105.5130, 39.1871, 31.1221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.5130, 39.1871,
31.1221)**

Conversions

Conversions Part 1

Format	Color
Hex	8D48B9
RGB	141, 72, 185
RGB Percent	55%, 28%, 73%
CMY	0.4471, 0.7176, 0.2745
CMYK	0.24, 0.61, 0.00, 0.27
HSL	277°, 45%, 50%
HSV	277°, 61%, 73%
XYZ	22.0588, 13.8002, 47.4000
YIQ	105.5130, 4.8510, 49.7710

Conversions

Conversions Part 2

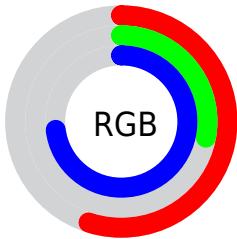
Format	Color
R_{YB}	141, 72, 185
Decimal	9259193
CIE Lab	43.95, 48.88, -48.22
CIE LCh	44, 68.668, 315.389
Yxy	13.8002, 0.2649, 0.1658
Android (android.graphics.Color)	4287449273 (0xFF8D48B9)
YUV	105.5130, 39.1871, 31.1221
Hunter-Lab	37.1487, 40.9829, -49.6473

Details

The YUV color **105.5130, 39.1871, 31.1221** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **151.4870, -39.1871, -31.1221**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2790, 40.7815, 33.0813**, and **51.5130, 39.1871, 31.1221** is the 20% darker color. If you saturate the color by 10%, you get **92.8540, 45.4280, 36.0850**, and if you desaturate by 10%, it is **118.1720, 32.9462, 26.1592**.

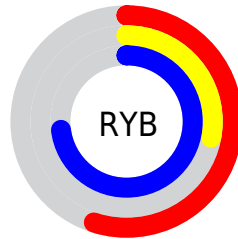
Distribution



Red (55%)

Green (28%)

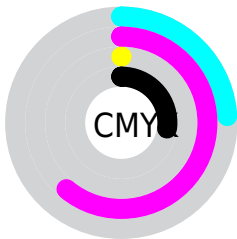
Blue (73%)



Red (55%)

Yellow (28%)

Blue (73%)

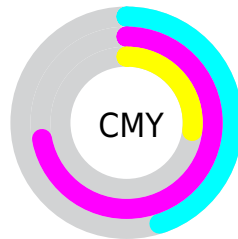


Cyan (24%)

Magenta (61%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (72%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.5130, 39.1871, 31.1221 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 105.5130, 39.1871, 31.1221 by changing the saturation by 10% instead.

105.5130, 39.1871,
31.1221

105.5130, 39.1871,
31.1221

255.0000, 0.0000,
0.0000

79.1000, 38.8977,
30.6073

159.2790, 40.7815,
33.0813

51.5130, 39.1871,
31.1221

185.2810, 34.3715,
35.7106

29.9100, 37.0194,
26.3889

209.8010, 22.2831,
39.6395

19.1010, 30.5162,
12.1894

226.2370, 14.1802,
25.2252

6.4980, 24.8975,
-5.6987

243.2600, 5.7878,
10.2960

5.0500, 14.2723,
-4.4289

0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 105.5130, 39.1871,
31.1221

■ 105.5130, 39.1871,
31.1221

■ 92.8540, 45.4280,
36.0850

■ 118.1720, 32.9462,
26.1592

■ 79.6080, 51.9583,
41.5628

■ 131.4180, 26.4159,
20.6814

■ 66.0630, 58.6359,
46.4257

■ 144.9630, 19.7382,
15.8184

■ 54.8770, 64.1506,
50.9739

■ 157.6220, 13.4974,
10.8555

■ 170.8680, 6.9671,
5.3778

■ 183.5270, 0.7262,
0.4148

■ 196.7730, -5.8041,
-5.0629

■ 209.7310,
-12.1924, -9.4111

■ 222.3900,
-18.4333, -14.3740

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7970, 64.6831, -73.4900



105.5130, 39.1871, 31.1221



92.0440, 20.6843, 85.9074

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



105.5130, 39.1871, 31.1221



97.9680, -48.2982, 44.7551



90.2980, 21.0521, -79.1913

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



105.5130, 39.1871, 31.1221



151.4870, -39.1871, -31.1221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2840, -4.5770, -72.1631



105.5130, 39.1871, 31.1221



94.1710, -46.4263, 4.2350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



105.5130, 39.1871, 31.1221



94.1030, -36.0398, 79.7167



74.0170, -36.4904, -56.1429



95.0520, 44.3444, -83.3606

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



105.5130, 39.1871, 31.1221



82.7830, 6.5160, 103.6763



74.0170, -36.4904, -56.1429



88.0180, 12.3161, -77.1918

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



105.5130, 39.1871, 31.1221



209.6760, 14.9497, 11.6851



111.2970, 36.3356, -34.4635



101.1610, 9.2876, 7.7518



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



105.5130, 39.1871, 31.1221



116.9430, 60.6671, 48.2850



117.4150, 27.8964, 59.2720



85.5210, 3.1941, 2.1741



46.1890, 54.1368, 42.8072



8.2750, 9.7244, 7.6518

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



110.8030, 2.5621, 65.0708



125.0770, 3.9060, 100.7875



139.5850, -27.8964, -59.2720



86.0330, -0.0163, 5.2331



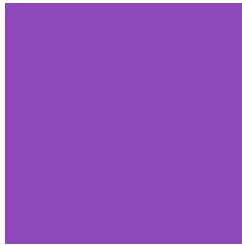
53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 105.5130, 39.1871, 31.1221 looks on a white background.

Color Contrast Check

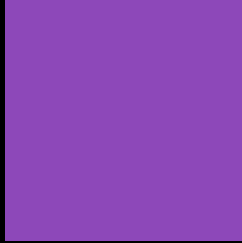
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 105.5130, 39.1871, 31.1221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

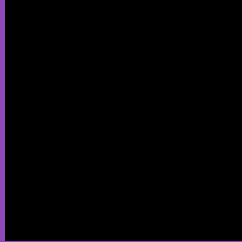
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.5130, 39.1871, 31.1221 Background



This preview shows how black text looks on a background with the YUV color 105.5130, 39.1871, 31.1221.



This preview shows how white text looks on a background with the YUV color 105.5130, 39.1871,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

105.5130, 39.1871, 31.1221

Protanopia

83.0960, 64.5357, -72.8752

Deuteranopia

96.2790, 40.2885, -42.3407



Tritanopia

105.4800, -1.2226, 18.8730

Trichromacy



Original Color

105.5130, 39.1871, 31.1221

Protanomaly

91.2210, 55.1070, -35.2738

Deuteranomaly

99.7430, 40.0597, -15.5606

Tritanomaly

105.6990, 13.4594, 23.0660

Monochromacy



Original Color

105.5130, 39.1871, 31.1221

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1490, 14.2235, 11.2703

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5130, 39.1871, 31.1221 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 72, 185)` looks like.

```
.text, #text, p{  
    color:rgb(141, 72, 185)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 72, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 72, 185) }
```

Border

The CSS property to change the border of an element to YUV 105.5130, 39.1871, 31.1221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 72, 185) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(141, 72, 185) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(141, 72, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 72, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 72, 185);  
box-shadow:4px 4px 4px 4px rgb(141, 72,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 105.5130, 39.1871, 31.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 72, 185) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141, 72,  
185) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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